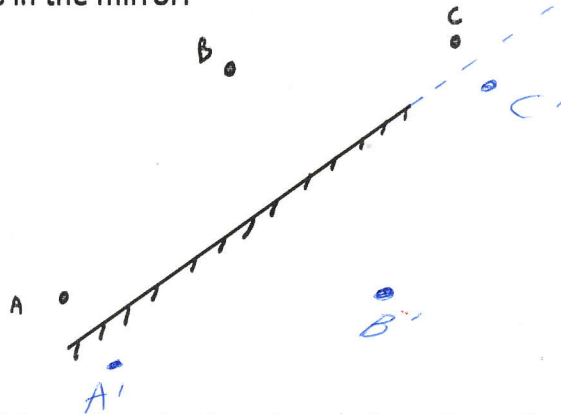


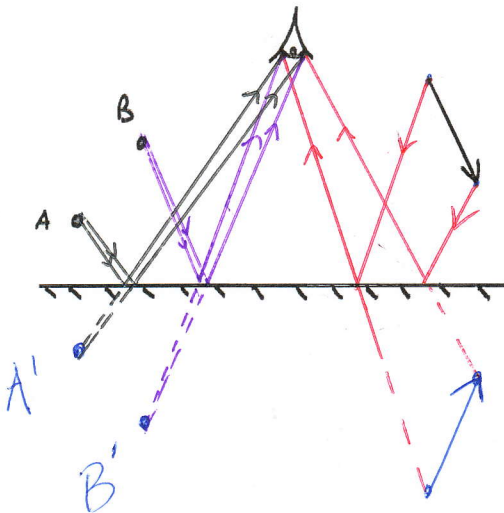
(KEY)

2.2 – Plane Mirrors and Locating Images – Worksheet 1

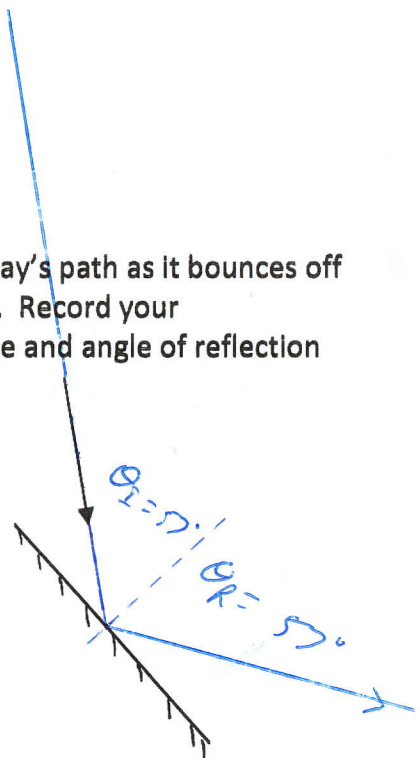
Locate all the images in the mirror:



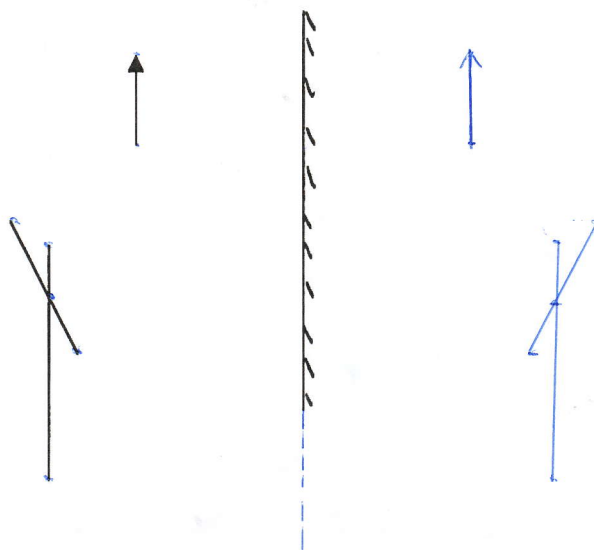
Locate the images of the objects in the mirror below. Draw the light rays so that the eye can see the images.



Draw the ray's path as it bounces off the mirror. Record your angle of incidence and angle of reflection



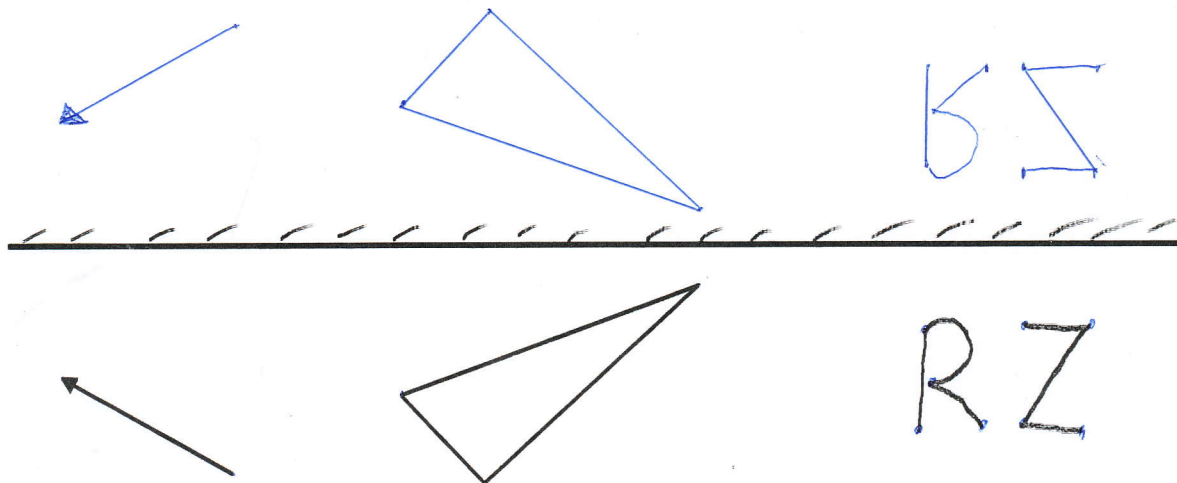
Locate all the images below. Draw the objects in the mirror below.



[KEY]

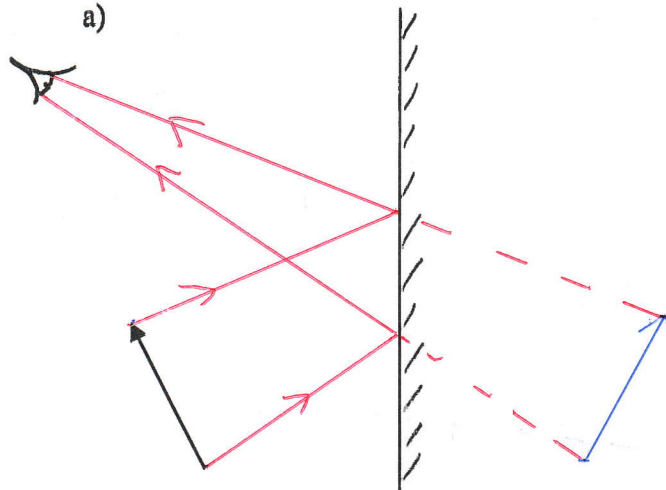
PHYSICS 20: PLANE MIRROR REFLECTION

1. Locate the images of each of the objects.

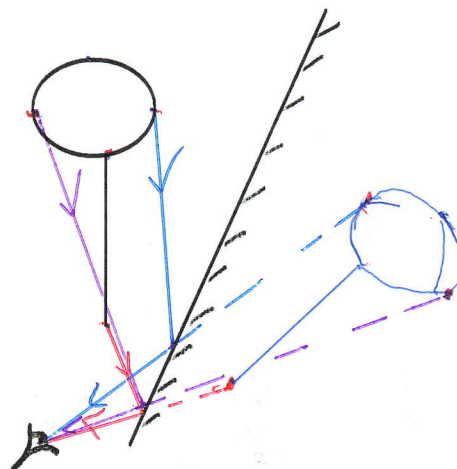


2. Draw the rays of light so that the eye can see the images.

a)

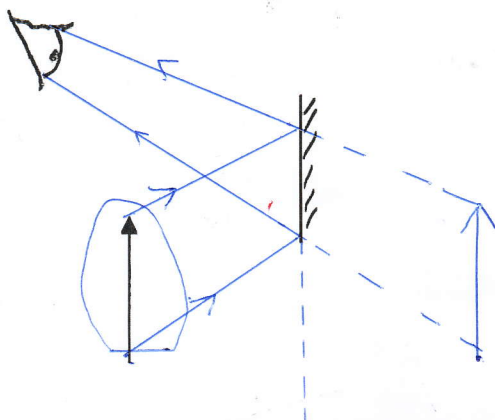


b)

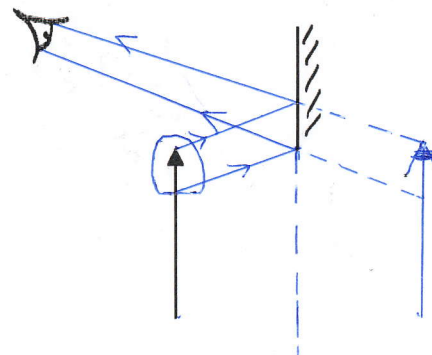


3. Circle the part of the object that the eye can see in the mirror.

a)



b)



KEY

The Fairest of All

A' B' C' D' E' F' G' H'

MIRROR

ABE BEV CIS DON EVA FLO GUY HAN

Who can Abe see?

Eva, Flo, Guy, Han

Who can Bev see?

Don, Eva, Flo, Guy

Who can Cis see?

Cis, Don, Eva, Flo, Guy, Han

Who can Don see?

B, C, D, E, F, G

Who can Eva see?

A, B, C, D, E, F

Who can Flo see?

A, B, C, D, E

Who can Guy see?

A, B, C, D

Who can Han see?

A, B, C

D'

C'

B'

A'

E'

F'

MIRROR

ABE

EVA

BEV

FLO

CIS

DON

Who can Abe NOT see?

A, B, C, D

Who can Bev NOT see?

A, B, C, D

Who can

Cis NOT see?

A, B

Who can Don NOT see?

A, B, F

Who can Eva NOT see?

F (Maybe A)

Who can Flo NOT see?

A, D, E, F

C'

D'

B'

A'

E'

F'

Who can see who?

Al

E, F

Bo

E, F

Cy

C, D, E, F

Di

C, D, E

Ed

A, B, C, D, E, F

Fred

B, C, E